

Utah Wireless Integrated Network (UWIN)

MINUTES

November 5, 2004

10:00 a.m.
SOB Room 4112

Attending: Board Members
Camille Anthony, Executive Director DAS
Bart D. Berry, Lt Colonel National Guard
Dave Fletcher, Acting Director ITS
Steve Foote, South Salt Lake, Fire Chiefs' Association
Dick Melton, Deputy Director Department of Health
Christine Michell, Deputy Director Corrections
Mike Petersen, Executive Director Utah Education Network
Steve Proctor, Director UCAN
Val Shupe, President Utah Chiefs of Policy Association

Staff/Visitors
Phil Bates, DPS
Doug Chandler, ITS
Hunter Finch, GOPB Analyst
Armand Glick, Salt Lake County Sheriff
Jake Hunt, UCAN
Susi Kontgis, Salt Lake City
Patty Moore, IPMobileNet
Mark Peck, Salt Lake City PD
Floyd Ritter, ITS
Dennis Sampson, Development Officer, Utah Education Network
Ed Spann, DNR
Steve Whittaker, Sr. Tech Consultant, Salt Lake City IMS

**Item 1 Welcome
Camille Anthony**

Camille and Dave Fletcher will be presenting their departmental budget to the Governor and a representative of the Governor-Elect when called; therefore, the agenda may presented out of the order listed.

**Item 3 FCC Requirement Report
Phil Bates**

IP MobileNet equipment is 700 MHz. They have been type-accepted on both the mobile devices and the base units and approved by the FCC. Equipment should be received by the end of the month.

**Item 4 & 5 Salt Lake County/UCAN Merger Report
Salt Lake City Interoperability Report
Steve Proctor**

- Graphic of Salt Lake County-UCAN Merger handout
- Interoperability Talk Groups September 2004 handout. As part of the process, worked with Salt Lake City interoperability talk groups established with the Salt Lake City system. It will be fully functional when Omni Link is completed on Sunday, November 7th.
- The breech between the full implementation will be covered as shown on the third handout.
Salt Lake City representative said it is working, with some glitches.

**Item 2 IP MobileNet Presentation
Patty Moore**

- Power Point presentation
- Flexibility
 - Proven history/model throughout the country

- Strong growth
- State contracts with Wisconsin and Kentucky, as well as Utah
- 15,000 subscribers
- Large customers, including Los Angeles County, Arizona Public Work, City of Detroit PD, transportation, and 3,000 taxi companies
- State of the art
- Security - scrambling transmission
- 802.11 overview
- IP MobileNet wide area
- Coverage comparisons
- Broadband capability
- Built in intelligence
- Hybrid network IPMN & 802.11
- Connecting to PDA
- Current technology
- Types of technology to 64K in December which will be a \$250 upgrade
firmway change with Ethernet cable from a laptop/download from a server
 - Private radio allows you to operate independently and still have the security you need. Flexibility expansion and technology migration
 - Bridging technology for high speed and a wider area, setting up hotspots for high speed and concentrated areas
 - A three-antenna setup reception would take the best signal out of the three
 - Message success

Item 6-7	Wasatch Front Data Plan Phil Bates/Doug Chandler
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- One change in Rule Phase I: Problem with commercial service; therefore, three spare radios will be deployed here in the Salt Lake valley.
- Optimize system: Salt Lake City and Richfield sites have a system through which all traffic terminates. In the next two to three months, a part of a switch will be added right next to that environment controller on the network. If the link goes down on the main system, only the CAD system would be lost. This new switch would minimize traffic across the network for a more stable environment. Agencies may want to choose vendors that would provide equipment conducive to that environment.
 - Dick Melton, HS noted that the problem for them would be how the data will fit into what they need to do. Converting will take some time.
 - Camille suggested putting one or two units in for testing.
 - Dave Fletcher said the whole purpose of the Richfield Alternative Site was for business continuity; capacity is being added between Salt Lake and Richfield with additional fiber for support on almost any type of applications that need high availability. Open systems with Linux applications can be run in both locations now.
 - Phil Bates stated that right now just looking at creating with a Windows server environment as well as a Unix environment; 99% of applications out there will run on either one of those.

Item 8	Camille Anthony UWIN Funding
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Rate Committee has made their recommendations to the Governor. Overview is as follows:

BIO Terror Grant

Voice and data to date out of one-time grant money:

\$800,000 2002

\$500,000 2004

\$1,300,000 Total

Homeland money purchased the Omni Link

\$2,200,000 Omni Link

\$1,200,000 mobile data

\$500,000 grant money for first year

(\$900,000 out of this was donated from UCAN for equipment)
\$4,400,000 Homeland

\$5,700,000 one-time investment

- November 7, 2002 Governor announced the project
- Anticipating asking for 1,200,000 from Homeland funds out of '05 grant for a total of \$6,900,000 on the entire infrastructure. Public Safety is aware of that; it has not been awarded yet. Final phase funding on that.

Ongoing maintenance and operation

Total of \$1,200,000

- SRS (State Repeating System) \$3.00 rate increase (effective July 2005), generating \$125,000
- Data \$15 per mobile data unit, generating \$360,000
- General Fund 2005 \$755,000 ongoing for maintenance and operation of entire system (voice and data)
- \$500,000 ongoing on Omni Link
- \$500,000 data and voice circuits

These charges will not be passed to local users. Determine how many units they want on their budget for this system. Doug stated that 95% of traffic on the system is UDOT. No supplemental requests.

Need agencies to take an active roll in support of UWIN.

Item 11	UTC Presentation 11/9/04 Camille Anthony
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November 9, from 8 am to noon, (probably in Room W135, of the West Capitol Building) Camille is presenting the UWIN project to the statewide Utah Technology Commission, both Legislative and nonLegislative staff.

Action: If you have any comments or input, please send her written items of support for the project for this presentation. She has asked the National Guard to participate in this presentation, and local law enforcement from St. George to give a local perspective.

Item 9	Technology Steering Committee Report Doug Chandler
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- Forrest Roper discussed mobile data. His subcommittee and Phil discussed applications.
- Tim Cornia is finalizing Ethernet.
- Most people are interested, but are not providing feedback or participation, which could potentially lead to policy implementation.
- Lt. Berry acknowledged this committee for a fantastic job on pressing forward and solidifying their ability to communicate, which is critical across the nation in their evolving mission set.

Item 10	Interoperability Steering Committee Report Steve Proctor
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- Looking at what other states, such as Oregon, Washington, and Virginia. These states have administrative-type people participating.
- SIEC (State Interoperability Executive Committee)
Steve Proctor is serving on the board. Suggested this is an item for the next meeting agenda to have an in-depth discussion on these items:
 - Cross functional themes
 - Communication
 - Authority of FCC? Authority is through administrative people in organizations.
 - Involving more technical people participating in the committee, as well as nontechnical participants? Broadly based and wide representation.
 - Don't we really already have an established review committee?
 - Federal advisory committee gave no guidance on what should be done.
 - Questions to answer on what it covers.

Next meeting December 3, 2004 at 10:00 a.m. TBA on agenda